

Abstract

The present invention relates to novel chimeric peptides and templates containing a combination of antagonist and agonist endogenous ligand residues. In particular, the present invention relates to novel chimeric peptides and templates thereof based upon melanocortin agonist peptides and agouti related protein (AGRP). The present invention provides multifunctional chimeric peptides having specific bioactivity at melanocortin receptors and their use as drugs to treat various diseases and conditions.